

Product datasheet for **RC202607L4V**

Malectin (MLEC) (NM_014730) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Malectin (MLEC) (NM_014730) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Malectin
Synonyms:	KIAA0152
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014730
ORF Size:	876 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202607).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_014730.2
RefSeq Size:	6367 bp
RefSeq ORF:	879 bp
Locus ID:	9761
UniProt ID:	Q14165
Cytogenetics:	12q24.31
Protein Families:	Transmembrane
MW:	32.2 kDa



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Gene Summary:

This gene encodes the carbohydrate-binding protein malectin which is a Type I membrane-anchored endoplasmic reticulum protein. This protein has an affinity for Glc2Man9GlcNAc2 (G2M9) N-glycans and is involved in regulating glycosylation in the endoplasmic reticulum. This protein has also been shown to interact with ribophorin I and may be involved in the directing the degradation of misfolded proteins. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]